ENQUIRING MINDS

EPISODE 1 SEGMENT 1

GIRL: When I grow up...

BOY: I'd like to be an animator.

GIRL: A marine biologist.

GIRL: An artist.

BOY: A forensic scientist.

GIRL: A zoo keeper.

GIRL: I want to be a photographer.

BOY: A chef.

GIRL: An author.

BOY: Teacher.

BOY: A surfer.

BOY: Video game designer.

GIRL: A doctor.

GIRL: A fashion designer.

BOY: A builder, cartoonist or stunt man.

VOICE-OVER: Join our reporters as they check out some great jobs, meet interesting people, and go on some cool adventures. Enquiring Minds shows you that you can have fun while following your dreams through higher education.

LOCKIE: Hi, and welcome to the show. On this episode Beck and Curtis take a walk on the wild side when they meet an animal researcher with a passion for conservation. But first, Holly shows Ocean there's more than just pointing and clicking when it comes to the world of photography.

HOLLY: Growing up we used to take pictures using 35mm film with a camera like this. But nowadays with digital cameras it's heaps faster to see your shots. I'm going to meet a 5th grader who has decided that one day when she grows up she wants to be a photographer. So Ocean, why do you want to be a photographer full time?

OCEAN: Because when I get older I want to travel the world so if I travel the world I can take pictures at the same time.

HOLLY: Good plan. Can I see some of your photos?

OCEAN: Yeah, sure.

HOLLY: So you're the photographer of the family?

OCEAN: Yes.

HOLLY: And what kind of camera did you use to take these?

OCEAN: Just a digital.

HOLLY: A digital camera?

OCEAN: Mm-hm.

HOLLY: And you've gone for the black and white look, why did you go for that?

OCEAN: Personally I think in artwork sometimes black and white goes better than colour.

HOLLY: I think it's worked here, hasn't it?

OCEAN: Yeah.

HOLLY: Have you got your favourite photo in there that you can show me?

OCEAN: Yeah. My favourite photo is that one because it's a close up photo and I love close up photos and I think the closer the better.

HOLLY: Yeah?

I think if you're starting off in photography I mean you don't need an amazing camera to take a good photo. You can just do it with your phone or whatever camera you can afford but you've just got to get out there and give it a good go.

That's pretty interesting, isn't it? Maybe we should try a shot of that.

Photography is an art form, you know, it's just like painting, some people say that you're painting with light in photography. You've got to think about the

lighting and the time of day and the angles.

What about that cat?

OCEAN: Oh, yeah.

HOLLY: Nice one.

OCEAN: Maybe we could get down on the floor and lay down and film everybody's legs walking.

HOLLY: Alright, shall I walk that way, away from you?

OCEAN: You can walk forward.

HOLLY: Okay.

OCEAN: I just want to get it from an angle where your foot's like that.

HOLLY: Okay.

There's been a lot of changes in photography. I mean when I was a kid we used to use film.

Wind this guy like this. That's what you do to get the film ready, okay?

OCEAN: Okay.

HOLLY: We'd have to get them developed and then wait until we get the photos back before we could actually see the images that we took and then when I was at uni we got to use a dark room and film cameras and then we graduated on to

using digital cameras.

So is this the first time you've used an analogue camera?

OCEAN: Yep, because I'm saving up for one.

HOLLY: Are you?

OCEAN: Yeah.

HOLLY: Really?

How about trying one looking down for a bit of a different perspective?

My interest in photography actually began at uni. When you first start in your first year they let you try a whole heap of different subjects and that's when I first gave it a go and loved it.

Let's have a go at the lomography camera. Try saying that 10 times fast. So what we're going to do is pull this string and it's going to take one big photo in 360 degrees so you can see how that looks and see all of surroundings, do you think you can manage that?

OCEAN: Yes.

HOLLY: Okay, let's have a go. User warning before you let go.

OCEAN: Okay, ready?

HOLLY: Ready? Let's pretend we're hiding in the bushes alright. Go. Get real close. There you go. Awesome.

OCEAN: I keep going to look at the picture but you can't.

HOLLY: I know. It's habit, isn't it? Now just don't touch the aperture but only use the zoom. Normally I'd take you to meet someone right now but I actually teach at a uni that does photography. Do you want to learn some more?

OCEAN: Yeah, sure.

HOLLY: Come on. Let's take a few more shots.

Before digital technology it was a much longer process to develop films.

So you know how we were winding the cameras back when we were taking photos, that was us winding back the 35mm film, okay. So we've had these negatives developed and now to turn them into pictures we can do that in a dark room, alright?

OCEAN: Mm-hm. Okay so what happens first?

HOLLY: Okay, so we get our negative and we put it in our enlarger, okay. So we're going to turn this on and the light will shine through here on to the negative and then on to this paper, this light-sensitive paper and you see we put it shiny side up so that's where our image is going to be, okay?

OCEAN: Yep.

HOLLY: And once we've had that exposed long enough we can put it over here in the developer. Now, watch what happens to this bit of paper.

OCEAN: What happens in these three tubs?

HOLLY: Okay, well this one is the developer. After about 30 seconds I tell you what, we can flip this one over to see how it's going.

OCEAN: Wow.

HOLLY: There we go. You can see our cat. Then pop this up and we put it in the stopper and so that washes off all of these chemicals in there, okay? It stops it from developing any further. And then we pop it in the fixer. Now putting it in the fixer makes it safe to turn the lights on.

OCEAN: Oh my goodness, that's really cool.

HOLLY: It looks good, doesn't it?

OCEAN: Wow.

HOLLY: You did a good job. There we go, what do you think?

OCEAN: Wow, that's really cool.

HOLLY: Yeah, it looks great, doesn't it?

OCEAN: Yeah. Once you finish university what kind of jobs are there out there for photographers?

HOLLY: You can be a photographer for websites, newspapers, magazines, fashion, advertising, you can even work in forensics and be a crime scene photographer.

         You know the lomography photos we took in the street?

OCEAN: Yeah.

HOLLY: Well these are the pictures. Here we go.

OCEAN: Oh, wow.

HOLLY: They look good, hey?

OCEAN: Yeah.

HOLLY: I love these ones where they've caught us by surprise.

You know with digital cameras it's become a lot easier to work with the image because you can see it straight away. Technology has come such a long way.

So now I'm going to show you how to take some landscape photos on a digital camera. In a digital camera you can edit it in the camera and if it's not a good image you can delete it whereas in the film camera you have to wait until you get it developed to see what the picture looks like.

OCEAN: Wow, that's a big difference.

HOLLY: It is a big difference, isn't it?

OCEAN: Yeah.

HOLLY: Alright, do you want to have a turn taking a landscape shot?

OCEAN: Yeah, sure.

HOLLY: Alright. So what we're going to have a think about is composition, okay, so what you're going to have in the foreground and in the background and you're going to use a maximum depth of field, do you know what that means?

OCEAN: No.

HOLLY: That means that you can see everything in the image. So a close-up picture of something the background might be blurry which would be a shallow depth of field and if you're doing a maximum depth of field it means that you can see everything in the picture, alright?

OCEAN: Yep.

HOLLY: So if you line it up, have a look and see what's in the foreground, what's in the background, make sure everything's in focus and compose a nice picture you can take your landscape shot. So line the tree up, get some of the foliage coming down and that's your foreground covered. How did you go? Oh, very nice. So that one's shot in landscape and portrait is when you have your camera up like that.

OCEAN: Yep.

HOLLY: You've got to think about the lighting and the time of day and the angles, all of these elements come together to make a great photograph.

          Now let's try some portrait shots, okay, with a digital camera. So I'll take one of you first, you just stand back. Now we'll have a look at this.

OCEAN: Oh, wow.

HOLLY: That looks good, doesn't it?

OCEAN: Yep.

HOLLY: For a portrait I've chosen to use a shallow depth of field so that means that the background is a bit blurry but you're in focus and I've also done something here which is called the rule of thirds, have you heard of that?

OCEAN: No.

HOLLY: The rule of thirds is basically where two thirds of your image is land and one-third is sky or you break the image up in that sort of way. So here I've got two thirds of the image is grass and one-third is that red background over there and when you're doing portraits you can be a little bit creative and have a think about where you want your subject to look and play with, you know, play with the composition.

OCEAN: Can you move over a bit?

HOLLY: Yep.

OCEAN: Okay, do a random funny pose.

HOLLY: Okay, ready?

OCEAN: 3, 2, 1. Nice one.

HOLLY: Awesome. Hey, let's go to the studio.

OCEAN: Okay.

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HOLLY: Come on. This is a studio.

OCEAN: Wow.

HOLLY: And the great thing about this is that you can control the lighting. Today we're going to jump in on a fashion shoot. So when you're thinking about a fashion shoot you need to play with using different angles and trying to get the best angle on your fashion item or your costume.

OCEAN: Wow. It's so cool.

WOMAN: Okay, ready, 3, 2, 1, go.

HOLLY: Okay, so what you're seeing here, these are two of the uni students and they're doing a photography shoot for one of their assignments. The photographer has made this outfit herself.

OCEAN: Wow.

HOLLY: Yeah, she makes her wigs and her tutus, very creative.

OCEAN: Yeah.

WOMAN: And if you can have kind of like an attitude, that would be good. Jump.

HOLLY: When you're taking pictures of your model you always direct them and tell them how to pose. How you're going to position the body in an interesting way. Sometimes you have them in poses that don't feel very comfortable but they look visually interesting.

OCEAN: Yeah. That looked really cool.

HOLLY: I think the best way to build these skills is to practice.

OCEAN: 3, 2, 1.

HOLLY: And look at other people's work to get inspiration. Have a look at it and have a think about how they got that shot. What settings would they have had to do on the camera or how have they instructed the model to do that pose. Oh wow, that looks great.

OCEAN: That looks really cool. May I please get you on your tippy toes with your hands like that. Yes, please. 3, 2, 1. It was an amazing experience getting the chance to be here. I've got a good idea.

HOLLY: Very good.

OCEAN: When I took pictures of the model I think that was really fun.

HOLLY: Hopefully I've managed to pass on some of my knowledge about photography to Ocean so that one day soon her passion for taking photos can become her full-time career.

OCEAN: Okay, can you do that again, please? I would definitely like to go to university because I think that it would be a great opportunity to learn more about photography. I want a dark room now.

LOCHIE: Coming up next – Beck and Curtis check out some pretty cool reptiles.

END OF TRANSCRIPT